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L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 1998 ACS

ACCESSION NUMBER: 1995:648143 CAPLUS

DOCUMENT NUMBER: 123:56394

TITLE: Corticoid 17,21-dicarboxylates and
17-carboxylate-21-carbonates as topical
inflammation inhibitorsINVENTOR(S): Stache, Ulrich; Alpermann, hans-Georg;
Duerckheimer, Walter; Bohn, Manfred

PATENT ASSIGNEE(S): Hoechst A.-G., Germany

SOURCE: Eur. Pat. Appl., 45 pp.

CODEN: EPXXDW

	NUMBER	DATE
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PATENT INFORMATION:	EP 646593 A1	950405
DESIGNATED STATES:	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE	
APPLICATION INFORMATION:	EP 94-115348	940929
PRIORITY APPLN. INFO.:	DE 93-4333920	931005
DOCUMENT TYPE:	Patent	
LANGUAGE:	German	
OTHER SOURCE(S):	MARPAT 123:56394	

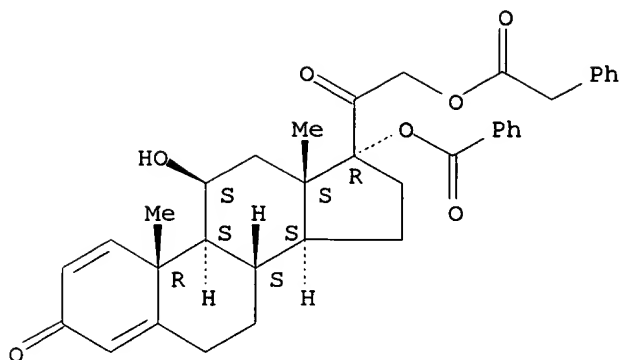
AB Title etsters I [A = CHOH, CHCl, CH₂, CO; AY = bond; Y = H, F, Cl; Z = H, F, Me; R₁ = (un)substituted alkyl, aryl, heteroaryl; R₂ = alkyl, Ph, CH₂Ph; R₃ = H, Me; n = 0, 1] were prepd. from the 17-monoesters. Thus, prednisolone 17-benzoate was treated with PhCH₂CO₂H and dicyclohexylcarbodiimide and pyridinium sulfate in pyridine to give the 21-phenylacetate (II). At 1.0 mg/mL, applied topically with croton oil, II gave 91% inhibition of the croton oil edema in rats.

IT **164343-59-3P 164344-01-8P**
 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (corticoid 17,21-dicarboxylates and 17-carboxylate-21-carbonates as topical inflammation inhibitors)

RN 164343-59-3 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 17-(benzoyloxy)-11-hydroxy-21-[(phenylacetyl)oxy]-, (11.beta.)- (9CI) (CA INDEX NAME)

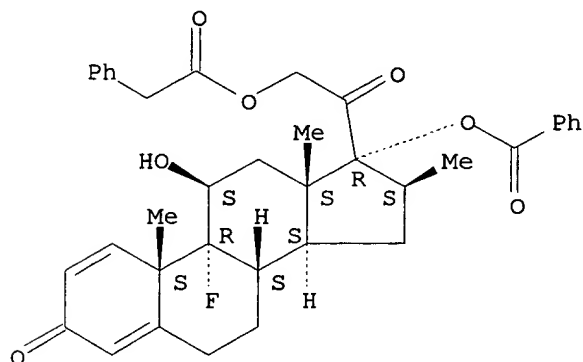
Absolute stereochemistry.



RN 164344-01-8 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 17-(benzoyloxy)-9-fluoro-11-hydroxy-16-methyl-21-[(phenylacetyl)oxy]-, (11.beta.,16.beta.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



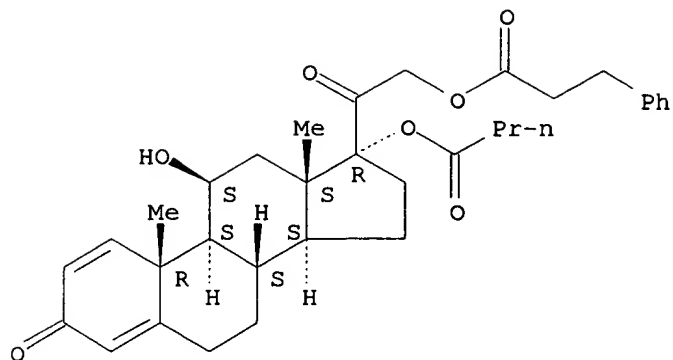
IT 164343-43-5P 164343-56-0P 164343-57-1P
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 164343-80-0P 164343-81-1P 164343-82-2P
 164343-83-3P 164343-84-4P 164343-85-5P
 164343-86-6P 164343-87-7P 164344-08-5P
 164344-36-9P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (corticoid 17,21-dicarboxylates and 17-carboxylate-21-carbonates as topical inflammation inhibitors)

RN 164343-43-5 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-(1-oxobutoxy)-21-(1-oxo-3-phenylpropoxy)-, (11.beta.)- (9CI) (CA INDEX NAME)

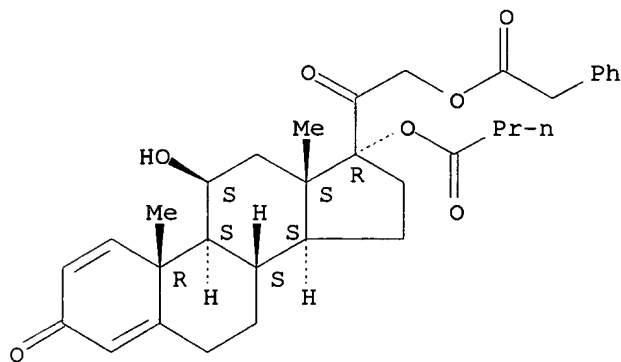
Absolute stereochemistry.



RN 164343-56-0 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (11.beta.)- (9CI) (CA INDEX NAME)

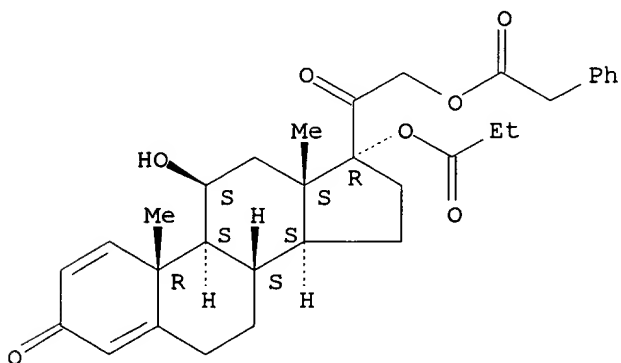
Absolute stereochemistry.



RN 164343-57-1 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-(1-oxopropoxy)-21-[(phenylacetyl)oxy]-, (11.beta.)- (9CI) (CA INDEX NAME)

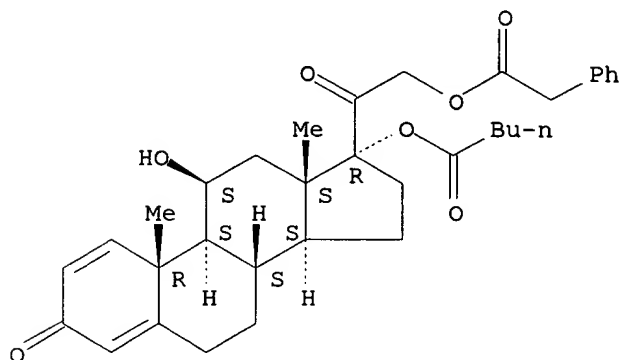
Absolute stereochemistry.



RN 164343-58-2 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-[(1-oxopentyl)oxy]-21-[(phenylacetyl)oxy]-, (11.beta.)- (9CI) (CA INDEX NAME)

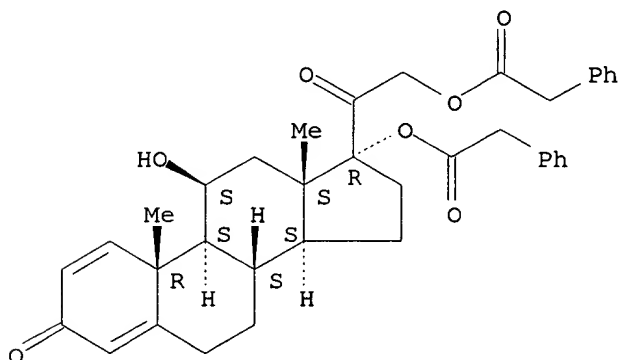
Absolute stereochemistry.



RN 164343-60-6 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17,21-bis[(phenylacetyl)oxy]-, (11.beta.)- (9CI) (CA INDEX NAME)

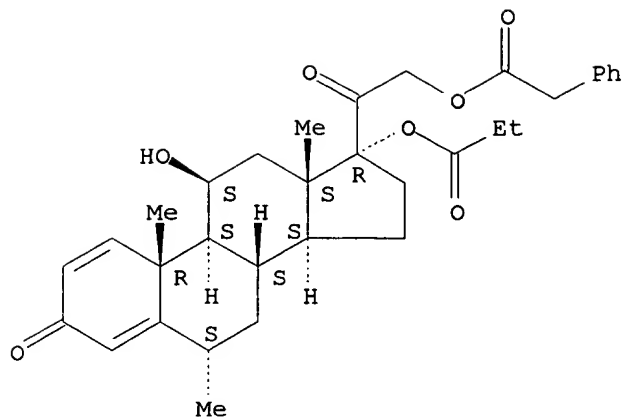
Absolute stereochemistry.



RN 164343-61-7 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-6-methyl-17-(1-oxopropoxy)-21-[(phenylacetyl)oxy]-, (6.alpha.,11.beta.)- (9CI) (CA INDEX NAME)

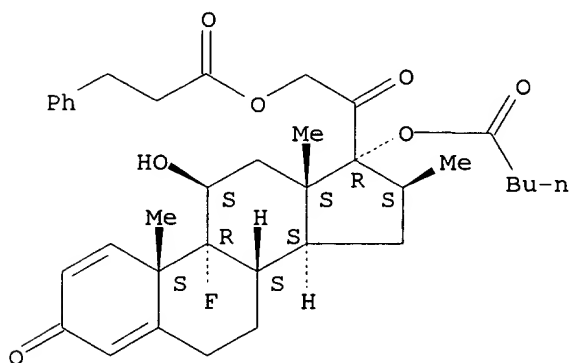
Absolute stereochemistry.



RN 164343-64-0 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-16-methyl-17-[(1-oxopentyl)oxy]-21-(1-oxo-3-phenylpropoxy)-, (11.beta.,16.beta.)-(9CI) (CA INDEX NAME)

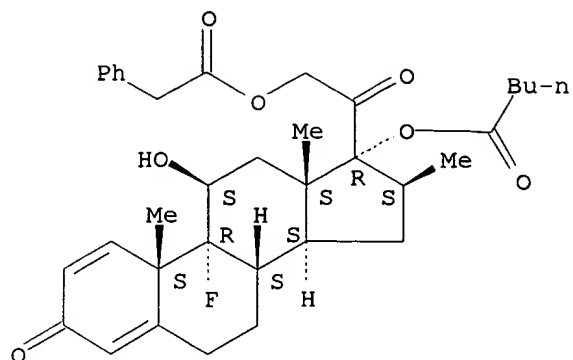
Absolute stereochemistry.



RN 164343-70-8 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-16-methyl-17-[(1-oxopentyl)oxy]-21-[(phenylacetyl)oxy]-, (11.beta.,16.beta.)-(9CI) (CA INDEX NAME)

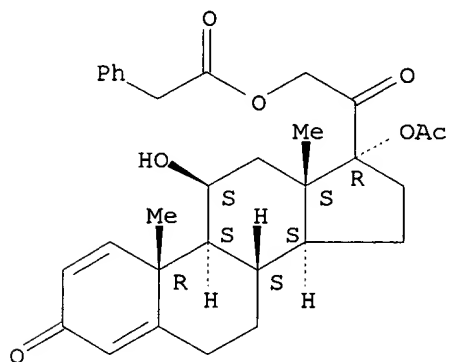
Absolute stereochemistry.



RN 164343-74-2 CAPLUS

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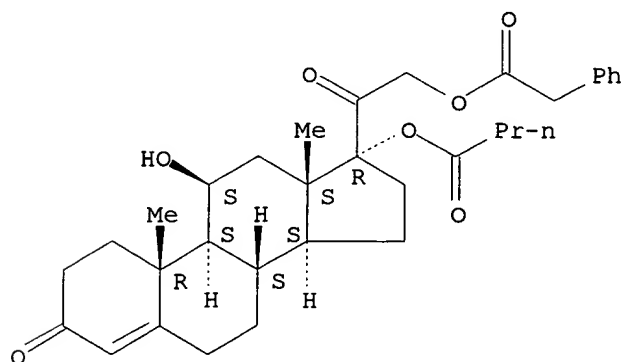
Absolute stereochemistry.



RN 164343-75-3 CAPLUS

CN Pregn-4-ene-3,20-dione, 11-hydroxy-17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (11.beta.)- (9CI) (CA INDEX NAME)

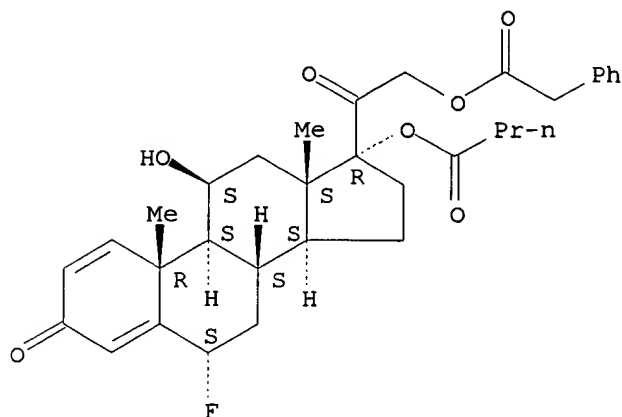
Absolute stereochemistry.



RN 164343-78-6 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 6-fluoro-11-hydroxy-17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (6.alpha.,11.beta.)- (9CI) (CA INDEX NAME)

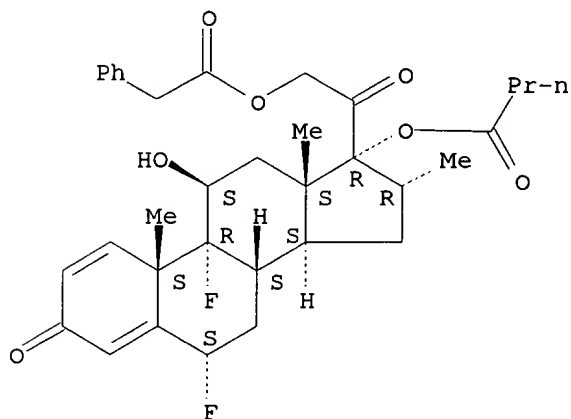
Absolute stereochemistry.



RN 164343-79-7 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 6,9-difluoro-11-hydroxy-16-methyl-17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (6.alpha.,11.beta.,16.alpha.)- (9CI) (CA INDEX NAME)

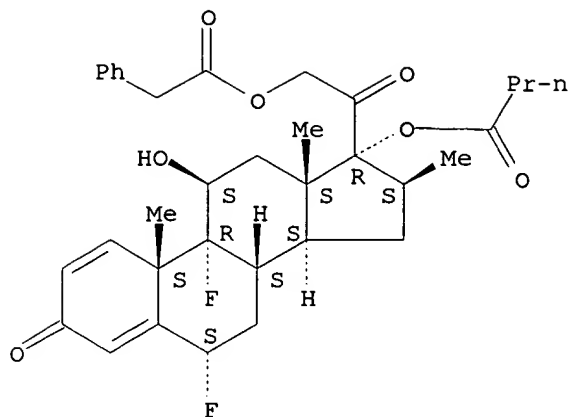
Absolute stereochemistry.



RN 164343-80-0 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 6,9-difluoro-11-hydroxy-16-methyl-17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (6.alpha.,11.beta.,16.beta.)- (9CI) (CA INDEX NAME)

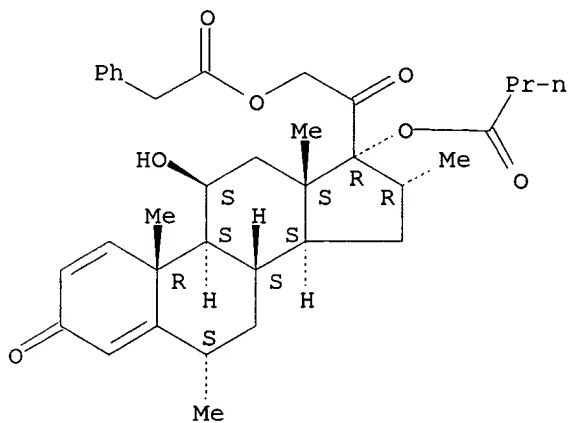
Absolute stereochemistry.



RN 164343-81-1 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-6,16-dimethyl-17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (6.alpha.,11.beta.,16.alpha.)-(9CI) (CA INDEX NAME)

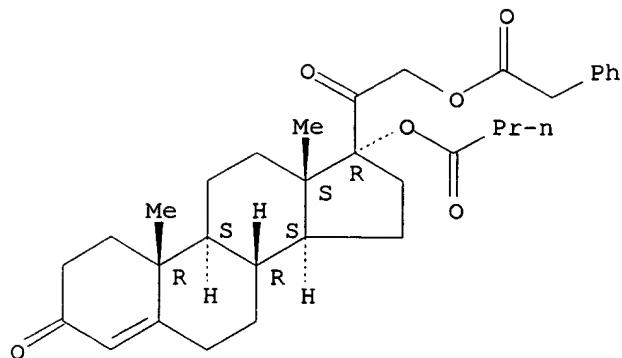
Absolute stereochemistry.



RN 164343-82-2 CAPLUS

CN Pregn-4-ene-3,20-dione, 17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]- (9CI) (CA INDEX NAME)

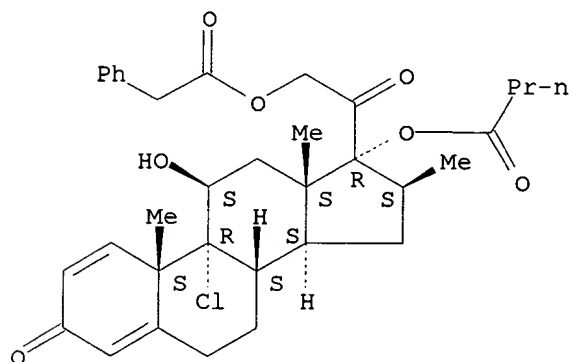
Absolute stereochemistry.



RN 164343-83-3 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 9-chloro-11-hydroxy-16-methyl-17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (11.beta.,16.beta.)- (9CI) (CA INDEX NAME)

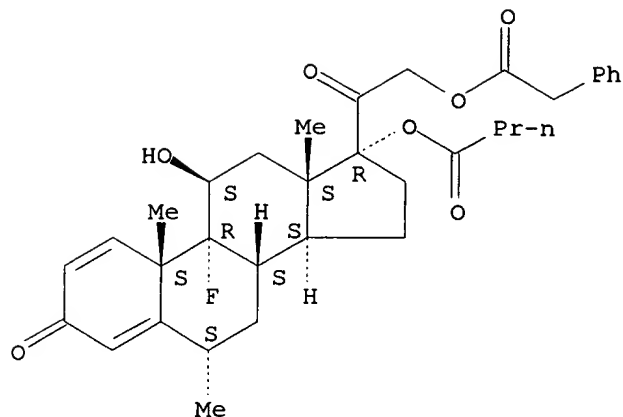
Absolute stereochemistry.



RN 164343-84-4 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-6-methyl-17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (6.alpha.,11.beta.)- (9CI) (CA INDEX NAME)

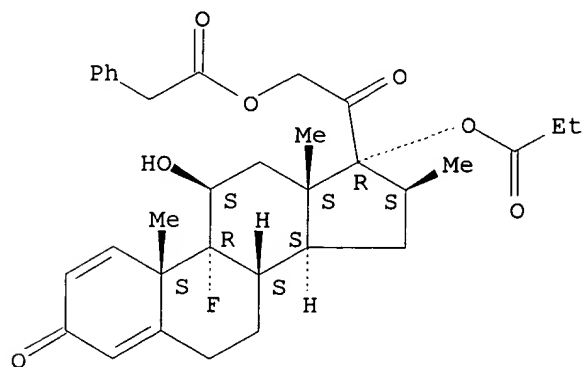
Absolute stereochemistry.



RN 164343-85-5 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-16-methyl-17-(1-oxopropoxy)-21-[(phenylacetyl)oxy]-, (11.beta.,16.beta.)- (9CI) (CA INDEX NAME)

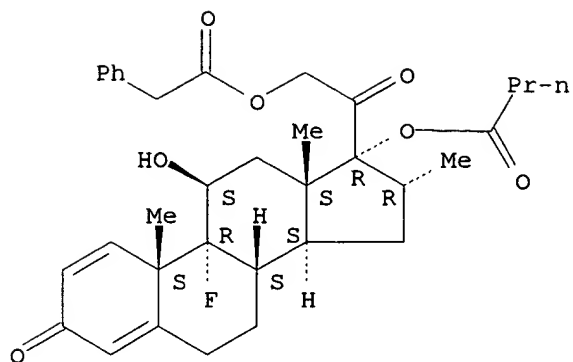
Absolute stereochemistry.



RN 164343-86-6 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-16-methyl-17-(1-oxobutoxy)-21-[(phenylacetyl)oxy]-, (11.beta.,16.alpha.)- (9CI) (CA INDEX NAME)

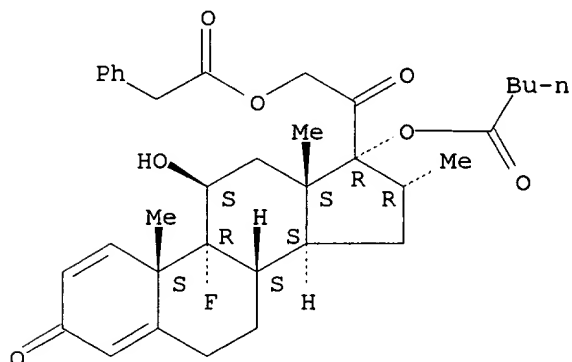
Absolute stereochemistry.



RN 164343-87-7 CAPLUS

CN Pregna-1,4-diene-3,20-dione, 9-fluoro-11-hydroxy-16-methyl-17-[(1-oxopentyl)oxy]-21-[(phenylacetyl)oxy]-, (11.beta.,16.alpha.)- (9CI)
(CA INDEX NAME)

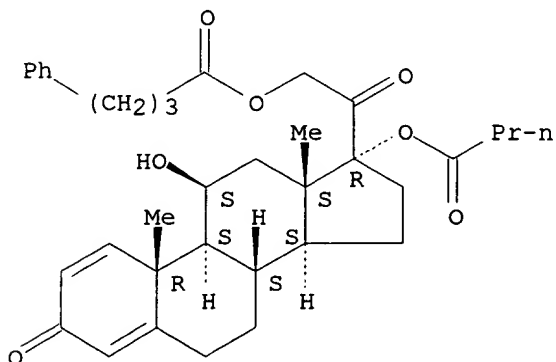
Absolute stereochemistry.



RN 164344-08-5 CAPLUS

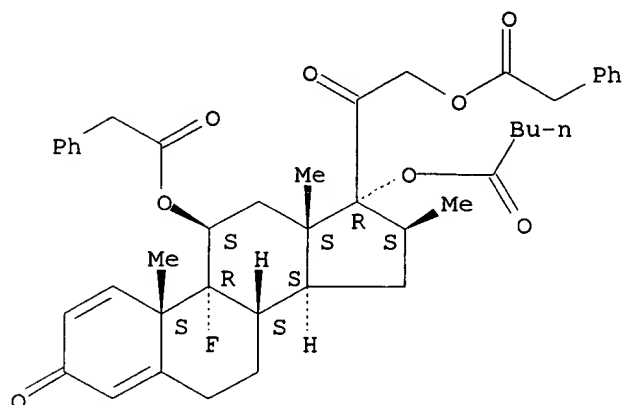
CN Pregna-1,4-diene-3,20-dione, 11-hydroxy-17-(1-oxobutoxy)-21-(1-oxo-4-phenylbutoxy)-, (11.beta.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 164344-36-9 CAPLUS
CN Pregna-1,4-diene-3,20-dione, 9-fluoro-16-methyl-17-[(1-oxopentyl)oxy]-11,21-bis[(phenylacetyl)oxy]-, (11.beta.,16.beta.)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



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(FILE 'HOME' ENTERED AT 08:06:43 ON 31 MAR 1998)

FILE 'REGISTRY' ENTERED AT 08:07:00 ON 31 MAR 1998

L1 STRUCTURE UPLOADED

L2 1 S L1

L3 24 S L1 FULL

FILE 'CAPLUS' ENTERED AT 08:07:55 ON 31 MAR 1998

L4 1 S L3

FILE 'USPATFULL' ENTERED AT 08:10:10 ON 31 MAR 1998

L5 0 S L3

FILE 'BEILSTEIN' ENTERED AT 08:10:30 ON 31 MAR 1998

L6 0 S L1 FULL

FILE 'MARPAT' ENTERED AT 08:10:56 ON 31 MAR 1998

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L8 1 S L3 FULL

L9 0 S L8 NOT L4